

529 Rec'd PCT/PTO 13 JUN 2000

IN THE UNITED STATES RECEIVING OFFICE

Applicant : William Harold Jay  
Serial No. : 09/509,301  
Filed : March 23, 2000  
Title : ION EXCHANGE

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**BOX PCT**

Commissioner of Patents  
Washington, D.C. 20231

**RESPONSE TO NOTIFICATION OF MISSING PARTS**

Responsive to the Notification of Missing Requirements under 35 U.S.C. 371  
mailed May 15, 2000, Applicant as a small entity submits herewith the following:

- ☒ Payment of the surcharge of \$65 for late filing of the basic filing fee and/or declaration.
- ☒ A check in the total amount of \$65 is attached.
- ☒ A copy of the Transmittal of Declaration of Small Entity Status and Request for Refund filed with the office on May 22, 2000;
- ☒ A Combined Declaration and Power of Attorney in compliance with 37 CFR § 1.63;

It is understood that this perfects the application and no additional papers or filing fees are required. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 6-13-00

Y. Rocky Tsao  
Y. Rocky Tsao  
Reg. No. 34,053

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906  
20087893.doc

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

Express Mail Label No. EL245477396US

I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

Date of Deposit June 13, 2000  
Signature Samantha Bell  
Typed or Printed Name of Person Signing Certificate Samantha Bell

06/19/2000 PVOLPE 00000066 09509301

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : William Harold Jay  
Serial No. : 09/509,301  
Filed : March 23, 2000  
Title : ION EXCHANGE

Art Unit : Unknown  
Examiner : P. Kidwell

13 JUN 2000

Commissioner of Patents  
Washington, D.C. 20231

TRANSMITTAL OF DECLARATION OF SMALL ENTITY STATUS  
AND REQUEST FOR REFUND

Enclosed is a Declaration of Small Entity Status which shows that the Applicant is a small business concern.

Applicant hereby requests refund of \$485, one-half of the total filing fee submitted with the above application less than two months before the date of this request. Please credit the refund to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 5-17-00

Y. Rocky Tsao  
Y. Rocky Tsao  
Reg. No. 34,053

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804  
Telephone: (617) 542-5070  
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20054866.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

May 22, 2000  
Date of Deposit

Diane M. Saturno  
Signature

Diane M. Saturno  
Typed or Printed Name of Person Signing Certificate

09/509301



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: ASSISTANT COMMISSIONER FOR PATENTS  
Box PCT  
Washington, D.C. 20231

U.S. APPLICATION NO. 09/509,301	FIRST NAMED APPLICANT JAY	ATTY. DOCKET NO. 11750-002001
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ROCKEY Y TSAO  
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225 FRANKLIN STREET  
BOSTON MA 02110-2804

5071

INTERNATIONAL APPLICATION NO.  
PCT/AU98/00811

I.A. FILING DATE 09/25/98	PRIORITY DATE 09/25/97
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DATE MAILED: 05/15/00

# NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as:

☐ Designated Office (37 CFR 1.494),  
☒ an Elected Office (37 CFR 1.495):

☒ U.S. Basic National Fee.

☒ Copy of the international application in:  
☐ a non-English language.  
☒ English.

☒ Translation of the international application into English.

☐ Oath or Declaration of inventors(s) for DO/EO/US.

☐ Copy of Article 19 amendments.

☐ Translation of Article 19 amendments into English.

☒ The International Preliminary Examination Report in English and its Annexes, if any.

☐ Translation of Annexes to the International Preliminary Examination Report into English.

☐ Preliminary amendment(s) filed \_\_\_\_\_ and \_\_\_\_\_.

☐ Information Disclosure Statement(s) filed \_\_\_\_\_ and \_\_\_\_\_.

☐ Assignment document.

☐ Power of Attorney and/or Change of Address.

☐ Substitute specification filed \_\_\_\_\_.

☐ Statement Claiming Small Entity Status.

☒ Priority Document.

☒ Copy of the International Search Report ☐ and copies of the references cited therein.

☐ Other:

2. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

☐ a. Translation of the application into English. Note a processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.  
☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.

☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).

☒ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.  
☐ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.

☒ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).

3. Additional claim fees of \$ \_\_\_\_\_ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due (37 CFR 1.492(g)). See attached PTO-875.

ALL OF THE ITEMS SET FORTH IN 2(a)-2(d) AND 3 ABOVE **MUST** BE SUBMITTED WITHIN ONE MONTH FROM THE DATE OF THIS NOTICE OR BY ☐ 21 OR ☒ 31 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

4. Translation of the Annexes **MUST** be submitted no later than the time period set above or the annexes will be cancelled. Note processing fee will be required if submitted later than 30 months from the priority date.  
5. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

**A copy of this notice MUST be returned with this response.**

Enclosed: ☐ PCT/DO/EO/917 ☐ Notice of Defective Translation  
☐ PTO-875

FORM PCT/DO/EO/905 (December 1997)

Telephone: (703)

Patricia Kidwell  
National Stage Processing  
Patent Specialist

RECEIVED

MAY 18 2000

FISH & RICHARDSON, P.C.  
BOSTON OFFICE

Docketed By Practice Systems  
Action Code: WILSON  
Base Date: 5/15/00  
Due Date: 6/15/00  
Deadline: 11/15/00  
Initial: WILSON